

Applicants: Ron S. Israeli et al.
Serial No.: 08/470,735
Filed : June 6, 1995
Page 2

128-144 as follows:

~~128.~~
1 (New) A purified antibody which binds to a fragment of an outer membrane domain of prostate specific membrane antigen, which fragment has within its structure the consecutive amino acid sequence Asp-Glu-Leu-Lys-Ala-Glu (SEQ ID NO: 35).--

~~129.~~
2 (New) A purified antibody which binds to a fragment of an outer membrane domain of prostate specific membrane antigen, which fragment has within its structure the consecutive amino acid sequence Asn-Glu-Asp-Gly-Asn-Glu (SEQ ID NO: 36).--

~~130.~~
3 (New) A purified antibody which binds to a fragment of an outer membrane domain of prostate specific membrane antigen, which fragment has within its structure the consecutive amino acid sequence Lys-Ser-Pro-Asp-Glu-Gly (SEQ ID NO: 37).--

~~131.~~ (New) A purified antibody which binds to a fragment of an outer membrane domain of prostate specific membrane antigen, which fragment has within its structure each of the following consecutive amino acid sequences:

- sub*
8
- (a) Asp-Glu-Leu-Lys-Ala-Glu (SEQ ID NO: 35);
 - (b) Asn-Glu-Asp-Gly-Asn-Glu (SEQ ID NO: 36);
 - (c) Lys-Ser-Pro-Asp-Glu-Gly (SEQ ID NO: 37); and
 - (d) Ala-Gly-Ala-Leu-Val-Leu-Ala-Gly-Gly-Phe-Phe-Leu-Leu-Gly-Phe-Leu-Phe (SEQ ID NO:38).--

Applicants: Ron S. Israeli et al.
Serial No.: 08/470,735
Filed : June 6, 1995
Page 3

--132. (New) A purified antibody which binds to a fragment of an outer membrane domain of prostate specific membrane antigen, which fragment has within its structure each of the following consecutive amino acid sequences:
(a) Asp-Glu-Leu-Lys-Ala-Glu (SEQ ID NO: 35);
(b) Asn-Glu-Asp-Gly-Asn-Glu (SEQ ID NO: 36); and
(c) Lys-Ser-Pro-Asp-Glu-Gly (SEQ ID NO: 37).--

--133. (New) A purified antibody which binds to a fragment of prostate specific membrane antigen, which fragment corresponds to a hydrophilic region of an outer membrane domain of prostate specific membrane antigen, the amino acid sequence of which antigen is set forth in SEQ ID NO:2.--

--134. (New) A purified antibody which binds to a hydrophilic region of an outer membrane domain of prostate specific membrane antigen, which hydrophilic region has within its structure the consecutive amino acid sequence Asp-Glu-Leu-Lys-Ala-Glu (SEQ ID NO: 35).--

--135. (New) A purified antibody which binds to a hydrophilic region of an outer membrane domain of prostate specific membrane antigen, which hydrophilic region has within its structure the consecutive amino acid sequence Asn-Glu-Asp-Gly-Asn-Glu (SEQ ID NO: 36).--

--136. (New) A purified antibody which binds to a hydrophilic region of an outer membrane domain of prostate specific membrane antigen, which hydrophilic region has within its

Applicants: Ron S. Israeli et al.
Serial No.: 08/470,735
Filed : June 6, 1995
Page 4

structure the consecutive amino acid sequence Lys-Ser-Pro-Asp-Glu-Gly (SEQ ID NO: 37).--

~~--137.~~
10 (New) A purified antibody which binds to an outer membrane domain of prostate specific membrane antigen, the amino acid sequence of which antigen is set forth in SEQ ID NO:2.--

~~--138.~~
11 (New) A purified antibody which binds to a hydrophilic region of an outer membrane domain of prostate specific membrane antigen, the amino acid sequence of which antigen is set forth in SEQ ID NO:2.--

~~--139.~~
I
Cont
Ins
Pg 2 (New) A purified antibody which binds to an outer membrane domain of prostate specific membrane antigen, the amino acid sequence of which antigen is set forth in SEQ ID NO:2, wherein the antibody is capable of binding to the surface of a cell.--

~~--140.~~ (New) The purified antibody of any one of claims 128-139, wherein the antibody is a monoclonal antibody.--

~~--141.~~ (New) A composition of matter comprising the antibody of any one of claims 128-139 and an agent conjugated to the antibody.--

~~--142.~~
14 (New) The composition of matter of claim 141, wherein the agent is a radioisotope or toxin.-- 13

~~--143.~~
15 (New) A composition comprising a carrier and the